

Taiwan Delegation

November 2026



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Advanced Material Systems



AMS was established in 2006, located in Taiwan. Its main products are aluminum alloy and carbon fiber high-pressure gas cylinders, which are used in sports, industry, medical and aerospace industries. These products have obtained the certifications of EU TPED, PED, UK Rho, US DOT, Canada TC, Australia, as well as certificates in other regions. AMS is dedicated to investing in the aerospace field, cooperating with domestic and foreign research institutes and companies developing aerospace programs to develop a variety of satellites and commercial rocket products.



AMS satellite cylinder is developed to meet the extreme requirements of outer space, including ultra-high vacuum, wide temperature variations, and prolonged exposure to radiation, fit for Xenon, Krypton, Argon. The design utilizes lightweight composite overwrapped pressure vessels (COPVs) that combine superior strength with lightweight mass—an essential advantage for spacecraft weight optimization. The structure is verified through advanced finite element analysis (FEA) and extensive qualification testing.



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Creative5 is a Taiwan-based technology company specializing in AI-powered satellite connectivity and resilient IoT infrastructure. We develop end-to-end solutions that combine Non-Terrestrial Networks (NTN), terrestrial cellular networks, LoRaWAN, Edge AI, cloud platforms, and autonomous systems to enable reliable communications in locations where conventional networks are unavailable or unreliable.

Our flagship HESTIA product family provides intelligent connectivity for a wide range of mission-critical applications, including environmental and forest monitoring, smart utilities, energy and pipeline infrastructure, logistics and asset tracking, maritime operations, agriculture, public safety, disaster response, and defense. Complementing our hardware portfolio, the CERES cloud platform delivers centralized device management, data visualization, remote monitoring, OTA updates, and AI-driven analytics, allowing organizations to efficiently manage distributed assets at scale.

Our vision is to transform satellite communications from a standalone connectivity service into an intelligent AI infrastructure platform. By integrating satellite communications, autonomous systems, Edge AI, cloud intelligence, and open partner ecosystems, Creative5 empowers governments, enterprises, and system integrators to build secure, scalable, and resilient digital infrastructure. As global demand for ubiquitous connectivity continues to grow, Creative5 is committed to enabling the next generation of smart cities, critical infrastructure, and autonomous operations—connecting people, assets, and intelligence anywhere on Earth.



The HESTIA product family is Creative5's intelligent satellite connectivity platform, designed to deliver resilient communications for mission-critical IoT applications. Supporting Non-Terrestrial Networks (NTN), cellular, LoRaWAN, and Edge AI, HESTIA enables reliable monitoring, tracking, and remote asset management even in areas without terrestrial coverage. Combined with the CERES cloud platform, it provides seamless device management, real-time data visualization, AI-powered analytics, and over-the-air updates. HESTIA empowers governments, enterprises, and system integrators to deploy scalable, secure, and future-ready connectivity solutions across diverse industries and remote environments.



Yiyi Chang

CMO

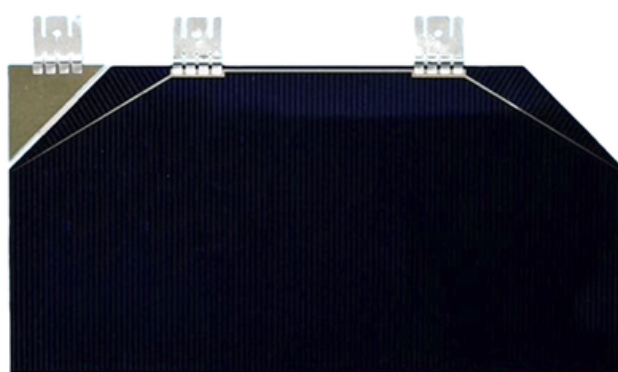
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ET Space Power designs solar cells optimized for the AM0 space environment, achieving conversion efficiency up to 32.3%. These cells operate reliably under harsh space conditions such as vacuum, extreme temperature variations, and radiation, and are suitable for space missions in LEO, MEO, and GEO orbits. We also provide customized solar panel and array solutions, offering a reliable energy option for next-generation satellites.



The CIC is specifically designed for the space environment (AM0), delivering an efficiency of 31.5%. It features a triple-junction GaInP/GaAs/Ge structure, and comes pre-integrated with a bypass diode, inter-connectors, and cover-glass, making it convenient for solar panel assembly. This product is ideal for satellite manufacturers with in-house solar panel packaging and testing capabilities.

Flight-Proven Reliability in LEO

- 6+ Months in orbit with continuous, anomaly-free operation
- TRL-8 Reached using actual flight-configuration hardware
- -55°C to +70°C survived across 300+ thermal & eclipse cycles
- TRL-9 Bound targeting full 1-year mission lifespan verification



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END-TO-END SPACE MISSION SOLUTIONS

HEX20 delivers modular CubeSat and microsatellite solutions, from mission design and development to launch, deployment, and in-orbit operations. Supporting Earth Observation, SATCOM, PNT, hosted payloads, and deep-space missions.

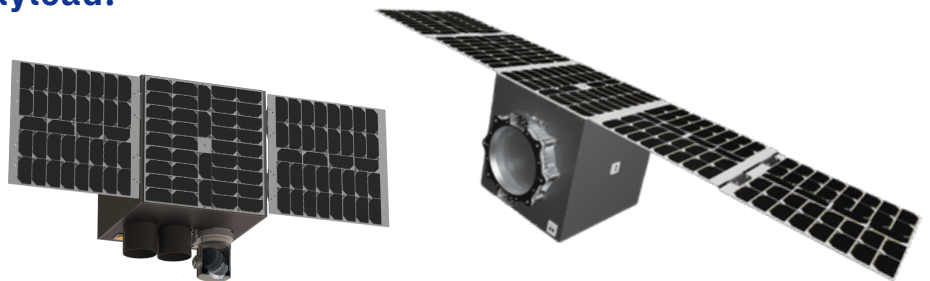
HOST YOUR PAYLOAD WITH HEX20

Payload hosting from USD 150K per U (10 × 10 × 10 cm), including payload integration, environmental test, launch, in-orbit power commissioning, and preliminary data downlink. 2027 & 2028 flight opportunities available for up to 12U payloads.

ADVANCING EARTH OBSERVATION

Our Earth Observation constellation integrates SWIR, GHG monitoring, hyperspectral imaging, and high-bandwidth inter-satellite links (ISL), alongside expanding launch, capacity-building, and FLATSAT training capabilities.

Talk to us about your payload!



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Liscotech System



Liscotech

捷揚航電股份有限公司

Liscotech System Co., Ltd. is a Taiwan-based leader in high-reliability aerospace electronics, delivering agile, trusted, and mission-ready solutions for global New Space and defense missions. We bridge the gap between complex mission concepts and deployable space-grade platforms by specializing in optical remote sensing payloads, high-performance flight computers, smart power systems, and cutting-edge Space Edge AI computing modules for LEO CubeSats and MicroSats.

Proven Performance in Orbit:

- Liliun-I Mission (2023): Flight-proven reliability of the RSI2000 payload, delivering flawless, real-time imaging in harsh space environments.
- Liliun-II Mission (2025): Next-gen RSI3400C & GP2U100 pushing the boundaries of Space Edge AI with real-time onboard cloud removal and ship detection.
- TASA & Industry Constellations: Expanding heritage with GP2U100 modules actively running onboard AI models across the Black Kite and Bellbird CubeSat constellations.

Why Partner with Liscotech?

- Proven Flight Heritage
- Modular & Scalable Architecture
- AI Edge Computing through FPGA, GPGPU
- ISO9001/27001, IPC-A-610 ClassIII & ITAR Compliance
- Agile & Trusted



EPS100



RSI3035C



RSI3400C



STAR100



OBC100 & PSM100



GP2U100



SWIR1000



LWIR200



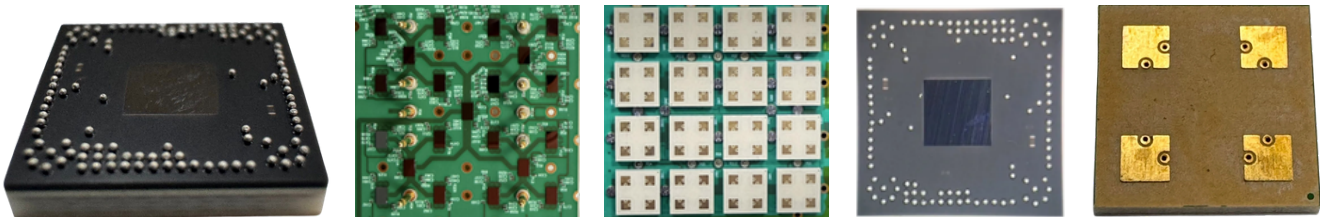
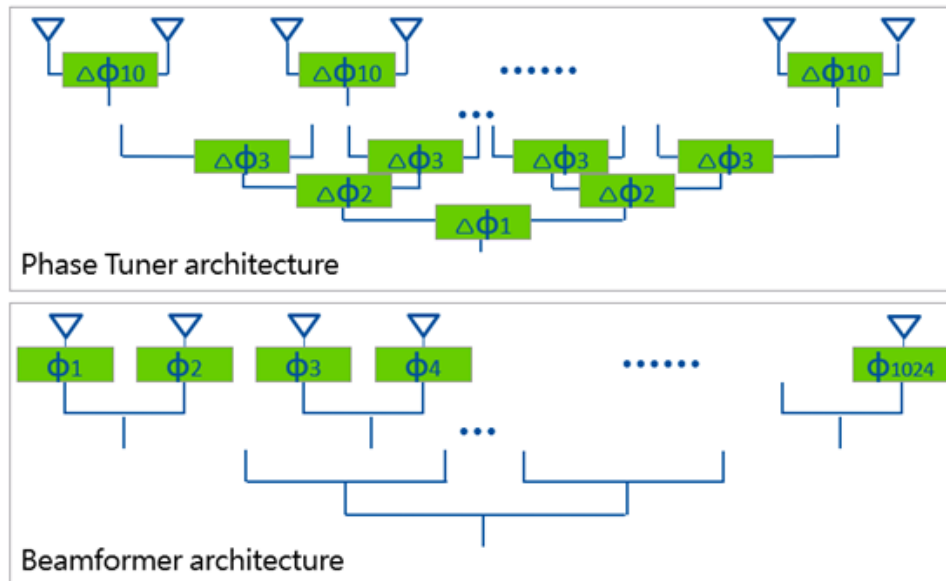
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Phasetrum Inc. **phasetrum**

Phasetrum focus on RF IC design, leveraging break-through innovative architecture and AI optimization to supply scalable phase array IC for mass-market SATCOM user terminal and AESA radar



Phase Tuner and Antenna in LNA package (AIP) makes phase array antenna scalable, 1/2 smaller, 10 times yield and faster.



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Quanta Computer



Quanta Computer

Quanta Computer Inc. was established in 1988 and listed in TWSE in 1999. Quanta is one of the Global Fortune 500 Companies and also the leader in worldwide notebook manufacturing, as well as a leading solution provider in cloud computing. Our product lines expand across various fields in information and communications, consumer electronics, cloud computing, smart home solutions, smart automobile solutions, smart healthcare, and AIoT, etc. Centered around computing design as the foundation of our core technology capability, we continue to innovate in the era of data economics, and integrate relevant resources to proactively expand market potentials and explore business opportunities.



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Syncmold Enterprise Corp. × NCKU ZAP Lab



From Space Propulsion Innovation to Commercialization

Syncmold Enterprise Corp. and NCKU ZAP Lab have established an industry-academia collaboration to advance the engineering and commercialization of Vacuum Arc Thruster (VAT) technology, providing compact, lightweight, and flight-proven electric propulsion solutions for small satellites.

Developed by NCKU ZAP Lab, the VAT utilizes a solid metallic propellant, eliminating the need for high-pressure gas tanks and simplifying satellite integration, transportation, long-term storage, and launch-site operations. The classical VAT has reached TRL 7, successfully completed vibration, EMI (MIL-STD-461), and thermal cycling tests, and demonstrated successful in-orbit ignition aboard the Lilium-3 mission.

Vacuum Arc Thruster (VAT)

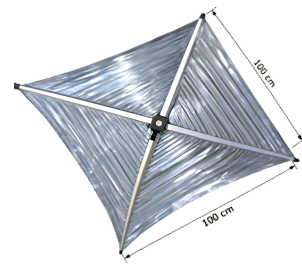
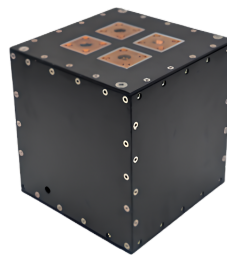
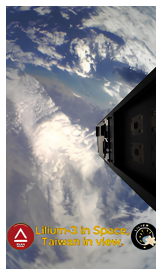
Key Features

- **TRL 7** — Technology Readiness Level 7
- **Flight Heritage** — In-orbit ignition aboard Lilium-3
- **Solid Metallic Propellant**
- **No High-Pressure Gas Tank Required**
- **Compact & Lightweight**
- **Space Qualified** — Vibration, EMI, and thermal cycling tests completed

The current commercial platform is primarily designed for **1U–6U CubeSats**, supporting applications including **attitude control, orbit maintenance, and de-orbit missions**.

Additional Space Solution

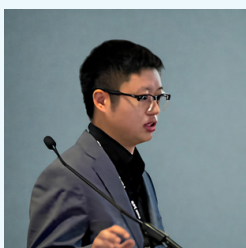
Deployable Drag Sail Solution — Available for Integration



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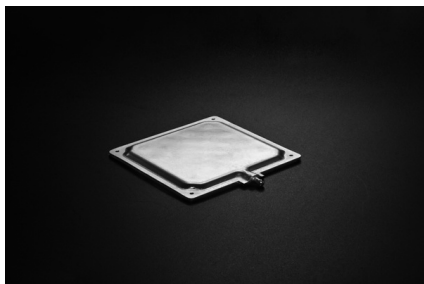
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At T-Global Technology, we provide comprehensive thermal management solutions for high-performance electronics and next-generation technologies.

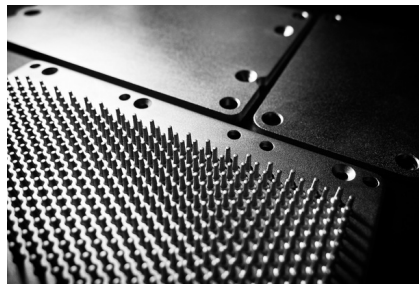
Our product portfolio covers:

- thermal interface materials
- vapor chambers
- heat pipes, heat sinks, AlSiC heat spreaders
- thermal modules and simulation
- liquid cooling solutions
- We support customers from material selection to customized cooling solutions.

Our solutions are widely applied in AI/HPC, data centers, automotive, telecommunications, industrial electronics, aerospace, and power electronics. With extensive experience in R&D, manufacturing, and global sales, T-Global serves more than 7,500 customers worldwide, helping improve thermal performance, reliability, and system efficiency.



OB Vapor Chamber



CMC AlSiC Heat
Spreader



TG-ASD50AB
Thermally Conductive
Gel

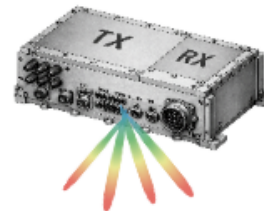


TMY Technology Inc. (TMYTEK) is a global pioneer in mmWave and phased array solutions, transforming complex high-frequency innovations into commercial reality for Satellite Communications (SATCOM), Space, and 5G/6G applications. As an architect of end-to-end connectivity, TMYTEK bridges ground and space through cutting-edge Electronically Steered Array (ESA) antennas, Antenna-in-Package (AiP) technology, and modular RF frontends. The company holds a proven track record in field testing and validating User Terminals (UT) for ground segment deployments with global tier-1 partners. For the space segment, TMYTEK is actively collaborating with prospective satellite clients on space-qualified payload designs and ongoing validation. Delivering resilient, low-power multi-orbit (LEO/MEO/GEO) solutions and High-Altitude Platform Station (HAPS) connectivity, TMYTEK accelerates the commercial path from design to mass deployment. Backed by a vast global patent portfolio and a footprint spanning 35 countries, TMYTEK continues to power next-generation space and satellite infrastructure worldwide.

End-to-End Phased Array Solution

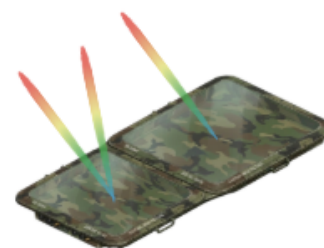
TMYTEK provides a fully paired and field-proven phased array antenna solution:

Space Segment (Ka ESA 4T4R): Features 4 independent TX/RX beams for multi-target tracking and dynamic coverage.



Ground Segment (1T2R Multi-Orbit UT): Supports 1 TX and 2 RX beams for simultaneous tracking across LEO/MEO/GEO orbits.

Together, they deliver seamless, high-resilience space-to-ground connectivity.



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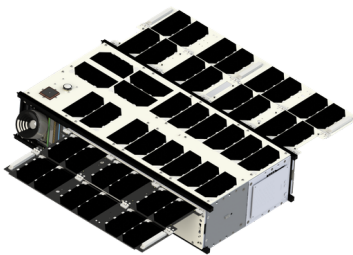
Rapidtek Technologies Inc.

Rapidtek Technologies Inc. is a Taiwan-based provider of advanced RF, satellite communication, and wireless technology solutions. By integrating product distribution, proprietary product development, and in-house R&D, Rapidtek delivers comprehensive solutions spanning RF testing, antenna systems, satellite communications, and advanced wireless technologies.

With expertise ranging from RF component design and testing to complete satellite system development, Rapidtek serves customers in the semiconductor, electronics manufacturing, automotive, medical, telecommunications, and aerospace industries. The company provides one-stop engineering services covering product design, system integration, manufacturing, and production testing.

Rapidtek is one of Taiwan's leading companies in low Earth orbit (LEO) satellite technologies. Its capabilities include CubeSat development, satellite communication payloads, phased array antenna systems, RF testing solutions, and Assembly, Integration and Testing (AIT) services. Through continuous innovation, the company supports next-generation applications in 5G/6G, non-terrestrial networks (NTN), satellite communications, and aerospace.

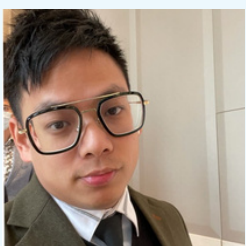
Headquartered in New Taipei City with satellite facilities in Taoyuan and an expanding international presence, Rapidtek serves customers across Europe, the United States, and Asia. Guided by its philosophy of "Think BIG, Act QUICK," the company is committed to delivering reliable, high-performance wireless solutions that connect industries from ground to space while fostering long-term global partnerships.



This project will launch four 8U CubeSats in three phases to 500 to 600 km low Earth orbit to validate and improve satellite IoT communication. Two satellites will be de-ployed about 500 km apart. Equipped with Ku/LoRa-Band and Ka-Band phased array antennas, they support ground and inter-satellite links. Operating in Sun-Synchronous Orbit, satellites pass Taiwan one to two times daily with approximately five-minute communication windows. The UT system enables three-party data transmission to verify communication link performance.



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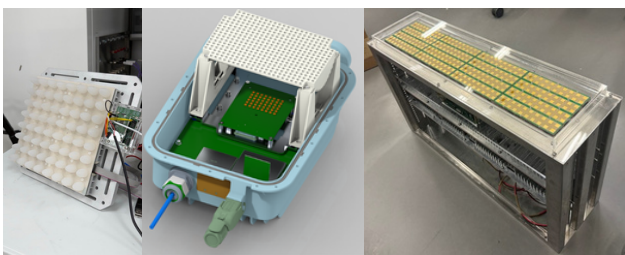
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<https://rapidtek.net/en/>

SWaRT originated from the Ministry of Economic Affairs' "Value Creation Plan 2.0" and was formally established in April 2023, led by professors from the Institute of Telecommunications, National Taiwan University.

SWaRT's core technologies include:

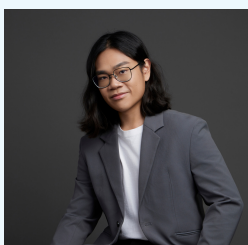
- High-gain antenna technology: supporting large phased-array systems and circuits of up to 1,024 elements.
- Antenna layout technology: customizing antenna and RF system design to match the characteristics of the host platform.
- Polarization matching and tracking technology: optimizing antenna polarization to avoid interference and improve communication quality by detecting ambient electromagnetic wave characteristics.
- Multi-beam antenna technology: increasing the capacity of communication channels.
- Component-reduction technology for active RF circuits: shrinking system size and complexity while lowering power consumption and improving system stability.
- Advanced beamforming technology and algorithms: generating the optimal radio beam for each application and delivering the most cost-effective system.

These technologies underpin SWaRT's three core product lines — mmWave modules for consumer communications, X-band radar for military applications, and Ku/K/Ka-band AESA systems for satellite communication — enabling high-performance, cost-effective phased-array solutions from prototype to production.



Our satellite communication portfolio spans the full application range: wide-field-of-view ESA user terminals/modules for Communications-on-the-Move (COTM), ultra-high-performance UT/modules for enterprise use, and cost-effective UT/modules for consumer applications.

By adopting a lens-based architecture, we reduce the number of active components such as beamformers. Our simplified PCB-type antenna structure further lowers lead time and cost compared with existing solutions.



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Founded in Taiwan, YTTEK Technology is an innovator in Software-Defined Radio (SDR) technology, delivering mission-proven, end-to-end SATCOM infrastructure for global aerospace and defense operations. By bridging the gap between space, air, and ground, we provide resilient connectivity solutions that overcome extreme environmental challenges.

Our comprehensive portfolio secures every critical communication link. In orbit, the SDRspace Satellite Communication Payload provides high-speed 720 Mbps connectivity for data-intensive CubeSats. It is scheduled for launch in 2027 to achieve flight heritage and firmly validate our space-grade reliability.

For ground infrastructure, the HyperSDR Satellite Ground Station Modem delivers uncompromising processing power. Trusted by the Taiwan Space Agency (TASA), our HyperSDR modem successfully received and decoded high-resolution telemetry from FORMOSAT-5 and the recently launched FORMOSAT-8A Earth observation satellites. Completing this end-to-end architecture, our advanced Antenna Control Unit (ACU) equips mobile user terminals (UT) with precision beam steering and multi-orbit tracking, guaranteeing uninterrupted connectivity on the move.

For tactical edge operations, the SDRone UAV Communication Module is purpose-built for anti-jamming. Bringing wideband frequency agility and interference-resilient MIMO performance to unmanned aerial vehicles, it ensures secure data links in contested environments.

YTTEK translates cutting-edge wireless technologies into operational realities, empowering space agencies and system integrators to future-proof their critical communications seamlessly.



YTTEK delivers mission-proven, end-to-end SATCOM infrastructure powered by advanced Software-Defined Radio (SDR) technology. The HyperSDR satellite ground station modem supports 10 MHz to 15 GHz and an ultra-fast 2.4 Gbps throughput, simplifying deployments by eliminating external converters. Its reliability is validated by decoding telemetry from TASA and NASA satellites. In orbit, the SDRspace satellite communication payload packs 5W transmit power and 720 Mbps data rates into a compact 0.6U form factor. Scheduled for a 2027 launch to secure flight heritage, our solutions ensure resilient connectivity seamlessly.



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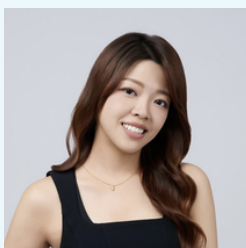
Taiwan Accelerator Plus (TAcc+) Powered by ITRI

Taiwan Accelerator Plus (TAcc+)’s International SpaceTech Startup Supporting Program, organized by SMESA, MOEA, and co-organized by TASA, executed by ITRI, aligns with global space industry trends while fostering growth in Taiwan’s space sector.

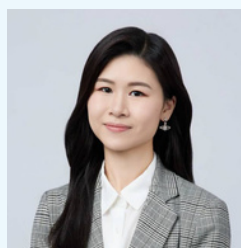
In 2023 to 2025, the program collaborated with international accelerators and organizations, recruiting 42 startups from 15 countries specializing in launch services, satellite manufacturing, satellite services, and space applications. Each cohort participated in a one-month exploration of Taiwan’s ecosystem and supply chain.

This initiative creates significant opportunities for global collaboration, connecting Taiwanese investors, companies, startups, and research institutions with participating international SpaceTech startups. Through supply chain matchmaking and program-built connections, we help expand your business roadmap into the Asia-Pacific market.

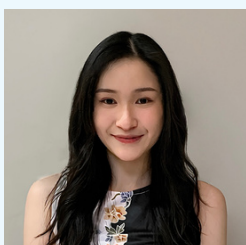
International SpaceTech Startup Welcome Party ►



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Taiwan LEO Satellite Industry Alliance (TLEOSIA)

- Industrial Technology Research Institute (ITRI)

Founded in 1973, the Industrial Technology Research Institute (ITRI) is Taiwan's largest and one of the world's leading high-tech applied research institutions. The organization is committed to utilizing its R&D results to drive industrial development, create economic value, and enhance social well-being.

- Taiwan LEO Satellite Industry Alliance (TLEOSIA)

To facilitate development of satellite communication and application in Taiwan, ITRI established TLEOSIA (Taiwan LEO Satellite Industry Alliance) in November 2020. TLEOSIA promotes development of Taiwan's space industry with Taiwan's semiconductor and ICT capabilities. It matches satellite companies with competent supply-chain manufacturers and explores collaboration opportunities through strong connections with government, industry, and academia.



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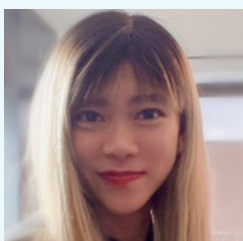
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Taiwan Space Industry Development Association

The Taiwan Space Industry Development Association (TSIDA) is a non-profit organization established in 2019 under the initiative of the Taiwan Space Agency (TASA). Our mission is to promote the development of Taiwan's space industry and facilitate industrial exchange and cooperation both domestically and internationally. Our scope of work includes organizing exchanges among industry, government agencies, and academia, as well as hosting domestic and international conferences and forums. As of January 2026, TSIDA has over 100 organizational members and continues to grow.

Since 2023, our collaboration with TASA has further strengthened. Together, we have co-organized the Taiwan International Assembly of Space Science, Technology, and Industry (TASTI), Taiwan's flagship annual space event, and led joint delegations to major international exhibitions such as the Satellite Show in Washington, D.C. We have also organized international exchange and matchmaking activities with countries including Japan, the United States, the Czech Republic, Poland, and the United Kingdom, aiming to create business opportunities and enhance Taiwan's presence in the global space ecosystem. We actively welcome collaboration with space-related organizations worldwide to foster broader international connections and partnerships.

Taiwan possesses significant advantages in satellite ground equipment, supported by its strong technical foundation in the communications industry. Building on these strengths, TSIDA seeks to further expand international cooperation and promote cross-border collaboration. We look forward to Taiwan playing an increasingly important role in the global space industry value chain and its future development.

Satellite 2025: Together with TASA and ITRI, TSIDA united 18 domestic companies to showcase Taiwan's space industry at the Taiwan Space Pavilion. **UK-Taiwan Space Roundtable:** Co-organized by TSIDA, TASA, and the British Office Taipei, the UK-Taiwan Space Roundtable gathered industry stakeholders from Taiwan and the United Kingdom.



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